

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	294	sanyo.as. and "429"/\$.ccls. and insulat\$5	US-PGPUB; USPAT	ADJ	ON	2007/06/08 10:32
L2	8	sanyo.as. and "429"/\$.ccls. and insulat\$5 layer	US-PGPUB; USPAT	ADJ	ON	2007/06/08 10:32
L3	225	1 and @ad<"20030226"	US-PGPUB; USPAT	ADJ	ON	2007/06/08 10:34
L4	4	3 and insulating layer	US-PGPUB; USPAT	ADJ	ON	2007/06/08 10:32
L5	92	3 and (adhesive or resin)	US-PGPUB; USPAT	ADJ	ON	2007/06/08 10:34
S3	1	"20030224242"	US-PGPUB; USPAT	ADJ	OFF	2007/06/07 13:02
S20	329	battery and separator with (resin and adhesive)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/07 14:18
S21	21	battery and separator with (resin and adhesive) with thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/07 13:05
S22	15	S21 and @ad<"20030226"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/07 14:20
S23	149	battery and insulat\$4 layer and separator with (resin or adhesive)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/07 14:33
S24	85	S23 and @ad<"20030226"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/07 16:00
S25	68	S24 and thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/07 14:23
S26	32	S25 and (polythethylene or polypropylene or ethylene vinyl acetate copolymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/07 14:32
S27	2	S25 and (ethylene vinyl acetate copolymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/07 14:37

## EAST Search History

S28	2	battery and insulat\$4 layer and separator with (ethylene vinyl acetate copolymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/07 15:58
S29	2	S24 and (ethylene vinyl acetate copolymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/07 14:58
S30	0	98/38688	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/07 14:58
S31	2	"9838688"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/07 14:58
S32	38	battery with separator with insulat\$4 with thickness and @ad<"20030226"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/07 15:28
S33	18	S32 and (adhesive or resin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/07 15:29
S34	30	battery and separator with insulat\$4 layer with (adhesive or resin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/07 15:59
S35	12	S34 and @ad<"20030226"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/06/07 16:00
S36	8	("4327163"   "4925751"   "5011501"   "5360684"   "5547780"   "5631102"   "5925482"   "6013113").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/07 17:32
S37	574	sanyo.as. and "429"/\$.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2007/06/08 10:31

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	0	battery and positive electrode and negative electrode and separator and insulating layer and adhesive and hot melt coated resin.clm.	US-PGPUB; USPAT	ADJ	ON	2007/06/08 12:15
L9	0	battery and coiled and positive electrode and negative electrode and metallic collector and separator with microporous film and insulating layer with heat seal tape and adhesive and hot melt coated resin.clm.	US-PGPUB; USPAT	ADJ	ON	2007/06/08 12:16